



#2

RULE 63 (37 C.F.R. 1.63)
INVENTORS DECLARATION FOR PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

APPARATUS AND METHOD FOR PRODUCING CARBON BLACK, AND FURNACE COMBUSTION APPARATUS AND FURNACE COMBUSTION METHOD

the specification of which (check applicable box(s)):

☐ is attached hereto
☒ was filed on November 26, 2001 as U.S. Application Serial No. (Atty Dkt. No. 1417-370)
☐ was filed as PCT International application No. PCT/JP01/02560 on 28 March 2001
and (if applicable to U.S. or PCT application) was amended on _____

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Priority Foreign Application(s):

Application Number	Country	Day/Month/Year Filed
2000-91726	Japan	29 March 2000

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

Application Number	Date/Month/Year Filed
--------------------	-----------------------

I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below:

Prior U.S./PCT Application(s):

Application Serial No.	Day/Month/Year Filed	Status: patented pending, abandoned
PCT/JP01/02560	28 March 2001	

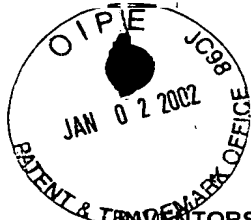
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby appoint **NIXON & VANDERHYE P.C., 1100 North Glebe Rd., 8th Floor, Arlington, VA 22201-4714, telephone number (703) 816-4000 (to whom all communications are to be directed)**, and the following attorneys thereof (of the same address) individually and collectively owner's/owners' attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent: Larry S. Nixon, 25640; Arthur R. Crawford, 25327; James T. Hosmer, 30184; Robert W. Faris, 31352; Richard G. Besha, 22770; Mark E. Nusbaum, 32348; Michael J. Keenan, 32106; Bryan H. Davidson, 30251; Stanley C. Spooner, 27393; Leonard C. Mitchard, 29009; Duane M. Byers, 33363; Jeffry H. Nelson, 30481; John R. Lastova, 33149; H. Warren Burnam, Jr. 29366; Mary J. Wilson, 32955; J. Scott Davidson, 33489; Alan M. Kagen, 36178; Robert A. Molan, 29834; B. J. Sadoff, 36663; James D. Berquist, 34776; Updeep S. Gill, 37334; Michael J. Shea, 34725; Donald L. Jackson, 41090; Michelle N. Lester, 32331; Frank P. Presta, 19828; Joseph S. Presta, 35329; Joseph A. Rhoads, 37515; Raymond Y. Mah, 41426; Chris Comuntzis, 31097; Gary T. Tanigawa, 43180. I also authorize Nixon & Vanderhye to delete any attorney names/numbers no longer with the firm and to act and rely solely on instructions directly communicated from the person, assignee, attorney, firm, or other organization sending instructions to Nixon & Vanderhye on behalf of the owner(s).

1.	Inventor's Signature: <u></u>	Date: <u>12/10/01</u>
	Inventor: <u>Yoshiaki</u> <u>HASEGAWA</u>	<u>Japanese</u>
		<u>(first)</u> <u>(last)</u> <u>(citizenship)</u>
	Residence: (city) <u>Yokohama-shi, Kanagawa-ken</u> <u>(state/country)</u> <u>Japan</u>	
	Mailing Address: <u>c/o Nippon Furnace Kogyo Kaisha, Ltd., 1-53, Shitte 2-chome, Tsurumi-ku, Yokohama-shi, Kanagawa-ken,</u>	
	<u>Japan</u>	
	(Zip Code) <u>230-8666</u>	
2.	Inventor's Signature: <u></u>	Date: <u>12/10/01</u>
	Inventor: <u>Yoshio</u> <u>WATANABE</u>	<u>Japanese</u>
		<u>(first)</u> <u>(last)</u> <u>(citizenship)</u>
	Residence: (city) <u>Yokohama-shi, Kanagawa-ken</u> <u>(state/country)</u> <u>Japan</u>	
	Mailing Address: <u>c/o Nippon Furnace Kogyo Kaisha, Ltd., 1-53, Shitte 2-chome, Tsurumi-ku, Yokohama-shi, Kanagawa-ken,</u>	
	<u>Japan</u>	
	(Zip Code) <u>230-8666</u>	

☒ **See attached sheet(s) for additional inventor(s) information!!**

3.	Inventor's Signature:				Date:	
	Inventor:	Yutaka (first)	MI	FUKUYAMA (last)	Japanese (citizenship)	
	Residence: (city)	Yokkaichi-shi, Mie-ken		(state/country)	Japan	
	Mailing Address:	c/o Yokkaichi Plant, Mitsubishi Chemical Corporation, 1, Toho-cho, Yokkaichi-shi, Mie-ken, Japan				
	(Zip Code)	510-0848				
4.	Inventor's Signature:				Date:	
	Inventor:	Tatsuhiko (first)	MI	YAMAZAWA (last)	Japanese (citizenship)	
	Residence: (city)	Kitakyushu-shi, Fukuoka-ken		(state/country)	Japan	
	Mailing Address:	c/o Kurosaki Plant, Mitsubishi Chemical Corporation, 1-1, Kurosakishiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka-ken, Japan				
	(Zip Code)	806-0004				
5.	Inventor's Signature:				Date:	
	Inventor:	Hiroaki (first)	MI	TAKEHARA (last)	Japanese (citizenship)	
	Residence: (city)	Kitakyushu-shi, Fukuoka-ken		(state/country)	Japan	
	Mailing Address:	c/o Kurosaki Plant, Mitsubishi Chemical Corporation, 1-1, Kurosakishiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka-ken, Japan				
	(Zip Code)	806-0004				
6.	Inventor's Signature:				Date:	
	Inventor:	Takaharu (first)	MI	YAMAMOTO (last)	Japanese (citizenship)	
	Residence: (city)	Kitakyushu-shi, Fukuoka-ken		(state/country)	Japan	
	Mailing Address:	c/o Kurosaki Plant, Mitsubishi Chemical Corporation, 1-1, Kurosakishiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka-ken, Japan				
	(Zip Code)	806-0004				

FOR ADDITIONAL INVENTORS, check box ☐ and attach sheet with same information and signature and date for each.



RULE 63 (37 C.F.R. 1.63)
INVENTORS DECLARATION FOR PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

APPARATUS AND METHOD FOR PRODUCING CARBON BLACK, AND FURNACE COMBUSTION APPARATUS AND FURNACE COMBUSTION METHOD

the specification of which (check applicable box(s)):

☐ is attached hereto
☒ was filed on November 26, 2001 as U.S. Application Serial No. (Atty Dkt. No. 1417-370)
☐ was filed as PCT International application No. PCT/JP01/02560 on 28 March 2001
and (if applicable to U.S. or PCT application) was amended on _____

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Priority Foreign Application(s):

Application Number	Country	Day/Month/Year Filed
2000-91726	Japan	29 March 2000

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

Application Number	Date/Month/Year Filed
--------------------	-----------------------

I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below:

Prior U.S./PCT Application(s):

Application Serial No.	Day/Month/Year Filed	Status: patented pending, abandoned
PCT/JP01/02560	28 March 2001	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby appoint **NIXON & VANDERHYE P.C., 1100 North Glebe Rd., 8th Floor, Arlington, VA 22201-4714, telephone number (703) 816-4000 (to whom all communications are to be directed)**, and the following attorneys thereof (of the same address) individually and collectively owner's/owners' attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent: Larry S. Nixon, 25640; Arthur R. Crawford, 25327; James T. Hosmer, 30184; Robert W. Faris, 31352; Richard G. Basha, 22770; Mark E. Nusbaum, 32348; Michael J. Keenan, 32106; Bryan H. Davidson, 30251; Stanley C. Spooner, 27393; Leonard C. Mitchard, 29009; Duane M. Byers, 33363; Jeffry H. Nelson, 30481; John R. Lastova, 33149; H. Warren Burnam, Jr. 29366; Mary J. Wilson, 32955; J. Scott Davidson, 33489; Alan M. Kagen, 36178; Robert A. Molan, 29834; B. J. Sadoff, 36663; James D. Berquist, 34776; Updeep S. Gill, 37334; Michael J. Shea, 34725; Donald L. Jackson, 41090; Michelle N. Lester, 32331; Frank P. Presta, 19828; Joseph S. Presta, 35329; Joseph A. Rhoads, 37515; Raymond Y. Mah, 41426; Chris Comuntzis, 31097; Gary T. Tanigawa, 43180. I also authorize Nixon & Vanderhye to delete any attorney names/numbers no longer with the firm and to act and rely solely on instructions directly communicated from the person, assignee, attorney, firm, or other organization sending instructions to Nixon & Vanderhye on behalf of the owner(s).

1.	Inventor's Signature: Inventor:	<u>Toshiaki</u> (first)	<u>MI</u>	<u>HASEGAWA</u> (last)	Date:	<u>Japanese</u> (citizenship)
	Residence: (city)	<u>Yokohama-shi, Kanagawa-ken</u> (state/country) <u>Japan</u>				
	Mailing Address:	<u>c/o Nippon Furnace Kogyo Kaisha, Ltd., 1-53, Shitte 2-chome, Tsurumi-ku, Yokohama-shi, Kanagawa-ken,</u> <u>Japan</u>				
	(Zip Code)	<u>230-8666</u>				
2.	Inventor's Signature: Inventor:	<u>Yoshio</u> (first)	<u>MI</u>	<u>WATANABE</u> (last)	Date:	<u>Japanese</u> (citizenship)
	Residence: (city)	<u>Yokohama-shi, Kanagawa-ken</u> (state/country) <u>Japan</u>				
	Mailing Address:	<u>c/o Nippon Furnace Kogyo Kaisha, Ltd., 1-53, Shitte 2-chome, Tsurumi-ku, Yokohama-shi, Kanagawa-ken,</u> <u>Japan</u>				
	(Zip Code)	<u>230-8666</u>				

☒ **See attached sheet(s) for additional inventor(s) information!!**

3.	Inventor's Signature:	<u>Yutaka Fukuyama</u>			Date:	<u>16 Dec. 2001</u>
	Inventor:	Yutaka (first)	MI	FUKUYAMA (last)	Japanese (citizenship)	
	Residence: (city)	Yokkaichi-shi, Mie-ken		(state/country)	Japan	
	Mailing Address:	c/o Yokkaichi Plant, Mitsubishi Chemical Corporation, 1, Toho-cho, Yokkaichi-shi, Mie-ken, Japan				
	(Zip Code)	510-0848				
4.	Inventor's Signature:				Date:	
	Inventor:	Tatsuhiko (first)	MI	YAMAZAWA (last)	Japanese (citizenship)	
	Residence: (city)	Kitakyushu-shi, Fukuoka-ken		(state/country)	Japan	
	Mailing Address:	c/o Kurosaki Plant, Mitsubishi Chemical Corporation, 1-1, Kurosakishiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka-ken, Japan				
	(Zip Code)	806-0004				
5.	Inventor's Signature:				Date:	
	Inventor:	Hiroaki (first)	MI	TAKEHARA (last)	Japanese (citizenship)	
	Residence: (city)	Kitakyushu-shi, Fukuoka-ken		(state/country)	Japan	
	Mailing Address:	c/o Kurosaki Plant, Mitsubishi Chemical Corporation, 1-1, Kurosakishiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka-ken, Japan				
	(Zip Code)	806-0004				
6.	Inventor's Signature:				Date:	
	Inventor:	Takaharu (first)	MI	YAMAMOTO (last)	Japanese (citizenship)	
	Residence: (city)	Kitakyushu-shi, Fukuoka-ken		(state/country)	Japan	
	Mailing Address:	c/o Kurosaki Plant, Mitsubishi Chemical Corporation, 1-1, Kurosakishiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka-ken, Japan				
	(Zip Code)	806-0004				

FOR ADDITIONAL INVENTORS, check box ☐ and attach sheet with same information and signature and date for each.

**RULE 63 (37 C.F.R. 1.63)
INVENTORS DECLARATION FOR PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

As a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

APPARATUS AND METHOD FOR PRODUCING CARBON BLACK, AND FURNACE COMBUSTION APPARATUS AND FURNACE COMBUSTION METHOD

the specification of which (check applicable box(es)):

☐ is attached hereto
☒ was filed on November 26, 2001 as U.S. Application Serial No. (Atty Dkt. No. 1417-370)
☐ was filed as PCT International application No. PCT/JP01/02560 on 28 March 2001
and (if applicable to U.S. or PCT application) was amended on _____

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Priority Foreign Application(s):

Application Number	Country	Day/Month/Year Filed
2000-91726	Japan	29 March 2000

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

Application Number	Date/Month/Year Filed
--------------------	-----------------------

I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below:

Prior U.S./PCT Application(s):

Application Serial No.	Day/Month/Year Filed	Status: patented pending, abandoned
PCT/JP01/02560	28 March 2001	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby appoint **NIXON & VANDERHYE P.C., 1100 North Glebe Rd., 8th Floor, Arlington, VA 22201-4714, telephone number (703) 816-4000 (to whom all communications are to be directed)**, and the following attorneys thereof (of the same address) individually and collectively owner's/owners' attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent: Larry S. Nixon, 25640; Arthur R. Crawford, 25327; James T. Hosmer, 30184; Robert W. Faris, 31352; Richard G. Besha, 22770; Mark E. Nusbaum, 32348; Michael J. Keenan, 32106; Bryan H. Davidson, 30251; Stanley C. Spooner, 27393; Leonard C. Mitchard, 29009; Duane M. Byers, 33363; Jeffrey H. Nelson, 30481; John R. Lastova, 33149; H. Warren Burnam, Jr. 29366; Mary J. Wilson, 32955; J. Scott Davidson, 33489; Alan M. Kagen, 36178; Robert A. Molan, 29834; B. J. Sadoff, 36663; James D. Berquist, 34776; Updeep S. Gill, 37334; Michael J. Shea, 34725; Donald L. Jackson, 41090; Michelle N. Lester, 32331; Frank P. Presta, 19828; Joseph S. Presta, 35329; Joseph A. Rhoa, 37515; Raymond Y. Mah, 41426; Chris Comuntzis, 31097; Gary T. Tanigawa, 43180. I also authorize Nixon & Vanderhye to delete any attorney names/numbers no longer with the firm and to act and rely solely on instructions directly communicated from the person, assignee, attorney, firm, or other organization sending instructions to Nixon & Vanderhye on behalf of the owner(s).

1.	Inventor's Signature: Inventor:	<u>Toshiaki</u> (first)	<u>MI</u>	<u>HASEGAWA</u> (last)	<u>Japanese</u> (citizenship)	Date:
	Residence: (city)	<u>Yokohama-shi, Kanagawa-ken</u> (state/country) <u>Japan</u>				
	Mailing Address:	<u>c/o Nippon Furnace Kogyo Kaisha, Ltd., 1-53, Shitte 2-chome, Tsurumi-ku, Yokohama-shi, Kanagawa-ken,</u> <u>Japan</u>				
	(Zip Code)	<u>230-8666</u>				
2.	Inventor's Signature: Inventor:	<u>Yoshio</u> (first)	<u>MI</u>	<u>WATANABE</u> (last)	<u>Japanese</u> (citizenship)	Date:
	Residence: (city)	<u>Yokohama-shi, Kanagawa-ken</u> (state/country) <u>Japan</u>				
	Mailing Address:	<u>c/o Nippon Furnace Kogyo Kaisha, Ltd., 1-53, Shitte 2-chome, Tsurumi-ku, Yokohama-shi, Kanagawa-ken,</u> <u>Japan</u>				
	(Zip Code)	<u>230-8666</u>				

☒ **See attached sheet(s) for additional inventor(s) information!!**

3. Inventor's Signature: _____ Date: _____
 Inventor: Yutaka (first) MI FUKUYAMA (last) Japanese (citizenship)
 Residence: (city) Yokkaichi-shi, Mie-ken (state/country) Japan
 Mailing Address: c/o Yokkaichi Plant, Mitsubishi Chemical Corporation, 1, Toho-cho, Yokkaichi-shi, Mie-ken, Japan
 (Zip Code) 510-0848
4. Inventor's Signature: 山澤達彦 Date: Dec. 18, 2001
 Inventor: Tatsuhiko (first) MI YAMAZAWA (last) Japanese (citizenship)
 Residence: (city) Kitakyushu-shi, Fukuoka-ken (state/country) Japan
 Mailing Address: c/o Kurosaki Plant, Mitsubishi Chemical Corporation, 1-1, Kurosakishiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka-ken, Japan
 (Zip Code) 806-0004
5. Inventor's Signature: 武原弘明 Date: Dec. 17, 2001
 Inventor: Hiroaki (first) MI TAKEHARA (last) Japanese (citizenship)
 Residence: (city) Kitakyushu-shi, Fukuoka-ken (state/country) Japan
 Mailing Address: c/o Kurosaki Plant, Mitsubishi Chemical Corporation, 1-1, Kurosakishiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka-ken, Japan
 (Zip Code) 806-0004
6. Inventor's Signature: 山本隆晴 Date: Dec. 17, 2001
 Inventor: Takaharu (first) MI YAMAMOTO (last) Japanese (citizenship)
 Residence: (city) Kitakyushu-shi, Fukuoka-ken (state/country) Japan
 Mailing Address: c/o Kurosaki Plant, Mitsubishi Chemical Corporation, 1-1, Kurosakishiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka-ken, Japan
 (Zip Code) 806-0004

FOR ADDITIONAL INVENTORS, check box ☐ and attach sheet with same information and signature and date for each.